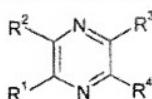


**In the Claims:**

The current status of all claims is listed below and supersedes all previous lists of claims.

Please amend claims 4 and 10 as follows:

1. (previously presented) A compound of formula (I):



or a pharmaceutically acceptable salt thereof, in which

R<sup>1</sup> and R<sup>2</sup> independently represent phenyl, thiaryl or pyridyl each of which is independently optionally substituted by one or more groups represented by Z;

Z represents a C<sub>1-8</sub>alkyl group optionally substituted by one or more: hydroxy; a C<sub>1-6</sub> alkoxy group optionally substituted by one or more fluoro; a C<sub>3-8</sub> cycloalkyl group; a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur; or by a group NR<sup>10</sup>R<sup>11</sup> (in which R<sup>10</sup> and R<sup>11</sup> independently represent hydrogen, a C<sub>1-6</sub> alkyl group, a C<sub>1-6</sub> alkanoyl group or a C<sub>1-6</sub> alkoxy carbonyl group), or Z represents a C<sub>3-8</sub> cycloalkyl group, a C<sub>1-6</sub> alkoxy group (optionally substituted by one or more fluoro), hydroxy, halo, trifluoromethyl, trifluoromethylthio, trifluoromethylsulphonyl, nitro, a group NR<sup>10</sup>R<sup>11</sup> (in which R<sup>10</sup> and R<sup>11</sup> independently represent hydrogen, a C<sub>1-6</sub> alkyl group, a C<sub>1-6</sub> alkanoyl group or a C<sub>1-6</sub> alkoxy carbonyl group), mono or di C<sub>1-3</sub> alkylamido, C<sub>1-3</sub> alkylthio, C<sub>1-3</sub> alkylsulphonyl, C<sub>1-3</sub> alkylsulphonyloxy, C<sub>1-3</sub> alkoxy carbonyl, carboxy, cyano, carbamoyl, mono or di C<sub>1-3</sub> alkyl carbamoyl, sulphamoyl, acetyl, an aromatic heterocyclic group which is optionally substituted by one or more halo, C<sub>1-4</sub> alkyl, trifluoromethyl or trifluoromethoxy, or Z represents a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, benzyl or an amino group -NR<sup>x</sup>R<sup>y</sup> in which R<sup>x</sup> and R<sup>y</sup> independently represent H or C<sub>1-4</sub> alkyl;

R<sup>3</sup> represents a group of formula X-Y-NR<sup>5</sup>R<sup>6</sup> in which X is CO or SO<sub>2</sub> and Y is absent or represents NH optionally substituted by a C<sub>1-3</sub> alkyl group and R<sup>5</sup> and R<sup>6</sup> independently represent: a C<sub>1-6</sub> alkyl group optionally substituted by one or more hydroxy; an (amino) C<sub>1-4</sub> alkyl-group in which the amino is optionally substituted by one or more C<sub>1-3</sub> alkyl groups; a group (C<sub>3-12</sub> cycloalkyl)(CH<sub>2</sub>)<sub>g</sub>- wherein g is 0, 1, 2 or 3, and wherein the cycloalkyl is optionally substituted by one or more fluoro, hydroxy, C<sub>1-3</sub> alkyl, C<sub>1-3</sub> alkoxy, trifluoromethyl or trifluoromethoxy; a group -(CH<sub>2</sub>)<sub>r</sub>(phenyl), in which r is 0, 1, 2, 3 or 4, and s is 1 when r is 0, otherwise s is 1 or 2, and the phenyl groups are optionally independently substituted by one or more groups represented by Z; naphthyl; anthracenyl; a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, benzyl or an amino group -NR<sup>x</sup>R<sup>y</sup> in which R<sup>x</sup> and R<sup>y</sup> independently represent H or C<sub>1-4</sub> alkyl; 1-adamantylmethyl; a group -(CH<sub>2</sub>)<sub>t</sub>Het in which t is 0, 1, 2, 3 or 4, and the alkylene chain is optionally substituted by one or more C<sub>1-3</sub> alkyl groups and Het represents an aromatic heterocyclic group optionally substituted by one, two or three groups selected from a C<sub>1-5</sub> alkyl group, a C<sub>1-5</sub> alkoxy group or halo; or R<sup>5</sup> represents H and R<sup>6</sup> is as defined above; or R<sup>5</sup> and R<sup>6</sup> together with the nitrogen atom to which they are attached represent a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one nitrogen and optionally one of the following: oxygen, sulphur or an additional nitrogen; wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, trifluoromethoxy, benzyl, C<sub>1-6</sub> alkanoyl or an amino group -NR<sup>x</sup>R<sup>y</sup> in which R<sup>x</sup> and R<sup>y</sup> independently represent H or C<sub>1-4</sub> alkyl;

R<sup>4</sup> represents a group of formula (CH<sub>2</sub>)<sub>n</sub>COOR<sup>7</sup> in which n is 0, 1, 2, 3 or 4; and R<sup>7</sup> represents a C<sub>4-12</sub> alkyl group, a C<sub>3-12</sub> cycloalkyl group or a (C<sub>3-12</sub> cycloalkyl) C<sub>1-3</sub> alkyl-group each of which is optionally substituted by one or more of the following: a C<sub>1-6</sub> alkyl, fluoro, amino or hydroxyl group, or R<sup>7</sup> represents a group -(CH<sub>2</sub>)<sub>a</sub>phenyl in which a is 0, 1, 2, 3 or 4, and the phenyl group is optionally substituted by one or more groups represented by Z which may be the same or different, or R<sup>7</sup> represents a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more of the following: oxygen, sulphur or nitrogen; wherein

the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, C<sub>1-3</sub> acyl, hydroxy, amino or benzyl groups; or

R<sup>4</sup> represents a group of formula -(CH<sub>2</sub>)<sub>o</sub>-O-(CH<sub>2</sub>)<sub>p</sub>-R<sup>8</sup> in which o and p independently represent an integer 0, 1, 2, 3 or 4, and each of the alkyl chains is independently optionally substituted by one or more C<sub>1-6</sub> alkyl groups, C<sub>1-6</sub> alkoxy groups or hydroxy and R<sup>8</sup> represents a C<sub>1-12</sub> alkyl group or a C<sub>1-12</sub> alkoxy group or R<sup>8</sup> represents phenyl optionally independently substituted by one or more Z groups or R<sup>8</sup> represents an aromatic heterocyclic group or a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more of the following: oxygen, sulphur or nitrogen wherein each of these rings is optionally substituted by one or more groups represented by Z which may be the same or different; with the proviso that R<sup>4</sup> is not a C<sub>1-3</sub> alkoxyethyl group unless R<sup>3</sup> represents a group of formula X-YNR<sup>5</sup>R<sup>6</sup> in which X is CO and Y is absent and R<sup>5</sup> is H and R<sup>6</sup> is a C<sub>3-8</sub> cycloalkyl group substituted by one or more fluoro or X is CO and Y is NH and NR<sup>5</sup>R<sup>6</sup> together represent a piperidino group substituted by one or more fluoro; or R represents a C<sub>3-8</sub> cycloalkyl group or a C<sub>3-8</sub> cycloalkenyl group optionally substituted by one or more groups represented by Z which may be the same or different; or

R<sup>4</sup> represents a C<sub>4-12</sub> alkyl group optionally substituted by one or more fluoro, hydroxy, or amino groups; or

R<sup>4</sup> represents a group of formula -(CH<sub>2</sub>)<sub>q</sub>R<sup>9</sup> in which q is 0, 1, 2, 3 or 4, and R<sup>9</sup> represents a C<sub>3-12</sub> cycloalkyl group, a C<sub>3-12</sub> cycloalkenyl group, phenyl, an aromatic heterocyclic group or a saturated or partially unsaturated 5-to-8-membered heterocyclic group containing one or more of the following: oxygen, sulphur or nitrogen wherein each of these rings is optionally substituted by one or more groups represented by Z which may be the same or different; or

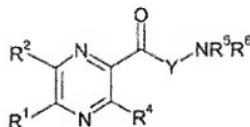
R<sup>4</sup> represents a group of formula -L<sup>1</sup>R<sup>9</sup> in which L<sup>1</sup> represents a C<sub>2-6</sub> alkenylene chain optionally substituted by one or more C<sub>1-4</sub> alkyl groups; or

R<sup>4</sup> represents a group of formula -(CH<sub>2</sub>)<sub>m</sub>-O-(CO)-R<sup>10</sup> in which m represents an integer 0, 1, 2, 3 or 4, in which R<sup>10</sup> represents a C<sub>1-12</sub> alkyl group optionally substituted by one or more fluoro, hydroxy, or amino groups or R<sup>10</sup> represents a group of formula -(CH<sub>2</sub>)<sub>q</sub>R<sup>9</sup>; or

$R^4$  represents a group of formula  $\text{CONR}^{11}\text{R}^{12}$  in which  $\text{R}^{11}$  and  $\text{R}^{12}$  independently represent H or a C<sub>1-8</sub> alkyl group or a C<sub>1-8</sub> alkyl group substituted by one or more hydroxy groups, provided that at least one of  $\text{R}^{11}$  and  $\text{R}^{12}$  is a hydroxy C<sub>1-8</sub> alkyl group; or

$R^4$  represents a group of formula  $-\text{L}^2\text{CN}$  in which  $\text{L}^2$  represents a C<sub>1-6</sub> alkylene chain.

2. (previously presented) A compound according to claim 1 represented by formula IIa:



IIa

wherein

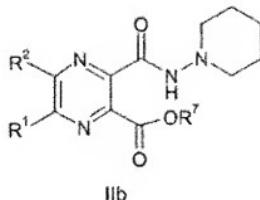
$R^1$  and  $R^2$  independently represent phenyl optionally independently substituted by halo or pyridyl,

$R^4$  represents a C<sub>4-8</sub> alkyl group, a group  $\text{CH}_2\text{OR}^8$  in which  $\text{R}^8$  is a C<sub>4-8</sub> alkyl group, or a group  $\text{CO}_2\text{R}^7$  in which  $\text{R}^7$  represents a C<sub>4-8</sub> alkyl group, and

Y represents NH; and R represents H and  $R^6$  represents perfluorophenyl or phenyl optionally substituted by trifluoromethyl; or  $R^5$  and  $R^6$  together with the nitrogen to which they are attached represent piperidino, morpholino or piperazino, each of which is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, trifluoromethoxy, benzyl, C<sub>1-6</sub> alkanoyl or an amino group - $\text{NR}^X\text{R}^Y$  in which  $\text{R}^X$  and  $\text{R}^Y$  independently represent H or C<sub>1-4</sub> alkyl;

or Y is absent; and  $R^5$  represents H or a C<sub>1-6</sub> alkyl group optionally substituted by amino and  $R^6$  represents tetrahydropyranyl or 4-piperidinyl optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, trifluoromethoxy, benzyl, C<sub>1-6</sub> alkanoyl or an amino group - $\text{NR}^X\text{R}^Y$  in which  $\text{R}^X$  and  $\text{R}^Y$  independently represent H or C<sub>1-4</sub> alkyl or a C<sub>1-6</sub> alkyl group optionally substituted by amino; or  $R^5$  and  $R^6$  together with the nitrogen to which they are attached represent piperidino, morpholino or piperazino, each of which is optionally substituted by C<sub>1-3</sub> alkyl or fluoro.

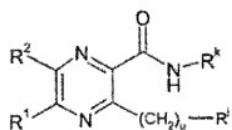
3. (previously presented) A compound according to claim 1 represented by formula IIb:



wherein

R<sup>1</sup> and R<sup>2</sup> represent phenyl independently optionally substituted by one or more chloro and R<sup>7</sup> represents butyl, *tert*-butyl, cyclohexyl or benzyl.

4. (currently amended) A compound according to claim 1 represented by formula IIc:



wherein

R<sup>1</sup> and R<sup>2</sup> represent phenyl independently optionally substituted by one or more chloro or methyl;

u is 0, 1, 2, 3, or 4;

R<sup>j</sup> represents triazolyl, tetrazolyl, imidazolyl, pyrrolyl, thiazolyl, oxazolyl, oxazinolyl, isoxazolyl, isothiazolyl, oxadiazolyl, thiadiazolyl, azolaetonyl or azetidinyl each of which is optionally substituted by one or more of the following: morpholinyl, piperidinyl, pyrrolidinyl, a C<sub>1-3</sub> alkylthio group, a C<sub>3-6</sub> cycloalkyl group, C<sub>1-3</sub> alkoxy, hydroxy, amino, C<sub>1-6</sub> alkylamino, di(C<sub>1-6</sub>alkyl)amino, or a C<sub>1-6</sub> alkyl group optionally substituted by one or more of the following: C<sub>1-3</sub> alkoxy, hydroxy, amino, C<sub>1-6</sub> alkylamino, di(C<sub>1-6</sub>alkyl)amino, morpholinyl, piperidinyl or pyrrolidinyl, or a group of formula CH(X)R<sup>p</sup>R<sup>q</sup> in which X is hydroxy, a C<sub>1-6</sub> alkoxy group,

difluoromethoxy, C<sub>1-6</sub> alkyl, amino, C<sub>1-6</sub> alkylamino, di(C<sub>1-6</sub>alkyl)amino, morpholinyl, piperidinyl or pyrrolidinyl, R<sup>p</sup> represents hydrogen, a C<sub>1-6</sub>alkyl group or a C<sub>3-6</sub>cycloalkyl group and R<sup>q</sup> represents hydrogen, a C<sub>1-6</sub>alkyl group or a C<sub>3-6</sub>cycloalkyl group or R<sup>j</sup> represents C<sub>1-6</sub>alkoxy group terminally substituted on carbon by one or more fluoro; and

R<sup>k</sup> represents piperidino, 4,4-difluorocyclohexyl or C<sub>3-6</sub>alkyl optionally substituted by hydroxy.

5. (previously presented) A compound according to claim 4, in which

R<sup>1</sup> and R<sup>2</sup> represent phenyl independently optionally substituted by one or more chloro or methyl;

R<sup>j</sup> represents triazolyl or tetrazolyl each of which is optionally substituted by one or more of the following: a C<sub>1-3</sub>alkylthio group, a C<sub>3-6</sub>cycloalkyl group or a C<sub>1-6</sub>alkyl group optionally substituted by one or more of the following: C<sub>1-3</sub>alkoxy, hydroxy, amino, C<sub>1-6</sub>alkylamino, di(C<sub>1-6</sub>alkyl)amino, morpholinyl, piperidinyl or pyrrolidinyl, or a group of formula CH(X)R<sup>p</sup>R<sup>q</sup> in which X is hydroxy, difluoromethoxy, C<sub>1-6</sub>alkyl, amino C<sub>1-6</sub>alkylamino, di(C<sub>1-6</sub>alkyl)amino, morpholinyl, piperidiyl or pyrrolidinyl, R<sup>p</sup> represents hydrogen, a C<sub>1-6</sub>alkyl group or a C<sub>3-6</sub>cycloalkyl group and R<sup>q</sup> represents hydrogen, a C<sub>1-6</sub>alkyl group or a C<sub>3-6</sub>cycloalkyl group or R<sup>j</sup> represents C<sub>1-6</sub>alkoxy group terminally substituted on carbon by one or more fluoro; and u is 0 or 1; and

R<sup>k</sup> represents piperidino, 4,4-difluorocyclohexyl or C<sub>3-6</sub>alkyl optionally substituted by hydroxy.

6. (previously presented) A compound selected from:

*tert*-butyl 5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

butyl 5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;  
cyclohexyl 5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

benzyl 5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-({[cis-2-hydroxycyclohexyl]amino}carbonyl)-pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-({[trans-2-hydroxycyclohexyl]amino}carbonyl)-pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-({2-[4-(trifluoromethyl)phenyl]hydrazino}carbonyl)-pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-((morpholin-4-ylamino)carbonyl)pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-({2-[4-(tert-butylhydrazino}carbonyl])pyrazine-2-carboxylate;

3-(tert-butoxymethyl)-5,6-bis(4-chlorophenyl)-N-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-(cyclohexylenemethyl)-N-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-(cyanomethyl)-N-piperidin-1-ylpyrazine-2-carboxamide;

tert-butyl 5,6-bis(4-chlorophenyl)-3-{{[(2-hydroxy-1-methylethyl)amino]carbonyl}-pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-{{[(4,4-difluorocyclohexyl)amino]carbonyl} pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-[(pentylamino)carbonyl]pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-{{[(1-ethylpropyl)amino]carbonyl} pyrazine-2-carboxylate;

tert-butyl 5,6-bis(4-chlorophenyl)-3-{{[(4,4-difluoropiperidin-1-yl)ammo]carbonyl}-pyrazine-2-carboxylate;

5,6-bis(4-chlorophenyl)-N-piperidin-1-yl-3-[(4-propyl-1H-1,2,3-triazol-1-yl)methyl]pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-{{[4-(1-hydroxyethyl)-1H-1,2,3-triazol-1-yl]methyl}-N-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-{{[5-(l-hydroxyethyl)-lH-1,2,3-triazol-l-yl]methyl}-N-piperidin-l-ylpyrazine-2-carboxamide;

*tert*-butyl {[1-({5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazin-2-yl}methyl)-lH-1,2,3-triazol-4-yl]methyl} carbamate;

*tert*-butyl {[1 -({5,6-bis(4-chlorophenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazin-2-yl}methyl)-lH-1,2,3-triazol-5-yl]methyl} carbamate;

3-{{[4-(aminomethyl)-lH-1,2,3-triazol-1-yl]methyl}-5,6-bis(4-chlorophenyl)-N-piperidin-l-ylpyrazine-2-carboxamide;

3-{{[5-(aminomethyl)-1H-1,2,3-triazol-1-yl]methyl}-5,6-bis(4-chlorophenyl)-N-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-(phenoxy)methyl)-N'-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-(morpholin-4-ylmethyl)-N-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-(piperidin-1-ylmethyl)-N-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(cyclohex-2-en-l-yloxy)methyl]-N-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(cyclohexyloxy)methyl]-N-piperidin-l-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-N-(2-hydroxyethyl)-N'-piperidin-l-ylpyrazine-2,3-dicarboxamide;

5,6-bis(4-chlorophenyl)-N-(3-hydroxybutyl)-N'-piperidin-l-ylpyrazine-2,3-dicarboxamide;

5,6-bis(4-chlorophenyl)-N-(3-hydroxypropyl)-N'-piperidin-l-ylpyrazine-2,3-dicarboxamide;

*Tert*-butyl 5,6-bis(4-methylphenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

5,6-bis(4-methylphenyl)-N-piperidin-1-yl-3-(1*H*-tetrazol-1-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-methylphenyl)-*N*-piperidin-1-yl-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-(1*H*-tetrazol-1-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluorocyclohexyl)-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluoropiperidin-1-yl)-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(2-methoxyethoxy)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-cyclopropyl-2*H*-tetrazol-2-yl)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-cyclopropyl-1*H*-tetrazol-1-yl)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-methyl-2*H*-tetrazol-2-yl)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-methyl-1*H*-tetrazol-1-yl)methyl]-*N*<sup>n</sup>-piperidin-1-ylpyrazine-2-carboxamide;

*tert*-butyl 6-(4-chlorophenyl)-5-(4-methylphenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

*tert*-butyl 5-(4-chlorophenyl)-6-(4-methylphenyl)-3-[(piperidin-1-ylamino)carbonyl]pyrazine-2-carboxylate;

6-(4-chlorophenyl)-5-(4-methylphenyl)-*N*-piperidin-1-yl-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

5-(4-chlorophenyl)-6-(4-methylphenyl)-*N*-piperidin-1-yl-3-(2*H*-tetrazol-2-ylmethyl)pyrazine-2-carboxamide;

*tert*-butyl 5,6-bis(4-chlorophenyl)-3-{[(2-hydroxyethyl)(methyl)amino]-carbonyl}pyrazine-2-carboxylate;

5,6-bis-(4-chloro-phenyl)-3-propoxy-pyrazine-2-carboxylic acid piperidin-1-ylamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-(2*H*-tetrazol-5-ylmethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-(1*H*-tetrazol-5-yl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-morpholin-4-yl-2*H*-tetrazol-2-yl)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-[(5-morpholin-4-yl-1*H*-tetrazol-1-yl)methyl]-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-[(5-pyrrolidin-1-yl-2*H*-tetrazol-2-yl)methyl]pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-piperidin-1-yl-3-[(5-pyrrolidin-1-yl-1*H*-tetrazol-1-yl)methyl]pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-{[5-(methylthio)-2*H*-tetrazol-2-yl]methyl}-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-3-{[5-(methylthio)-1*H*-tetrazol-1-yl]methyl}-*N*-piperidin-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluorocyclohexyl)-3-(methoxymethyl)pyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluorocyclohexyl)-3-{[(4-fluorobenzyl)oxy]methyl}pyrazine-2-carboxamide;

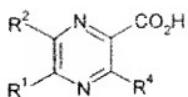
5,6-bis(4-chlorophenyl)-3-[(4,4-difluoropiperidin-1-yl)methyl]-*N*-piperidine-1-ylpyrazine-2-carboxamide;

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluoropiperidin-1-yl)methyl]pyrazine-2-carboxamide; or

5,6-bis(4-chlorophenyl)-*N*-(4,4-difluoropiperidin-1-yl)-3-(methoxymethyl)pyrazine-2-carboxamide;

or a pharmaceutically acceptable salt thereof.

7. (cancelled).
8. (previously presented) A pharmaceutical formulation comprising a compound of any one of claims 1-4 or 6 and a pharmaceutically acceptable adjuvant, diluent or carrier.
9. (cancelled).
10. (currently amended) A method of treating obesity, psychiatric disorders, psychotic disorders, schizophrenia and bipolar disorders, anxiety, anxi-depressive disorders, depression, cognitive disorders, memory disorders, obsessive-compulsive disorders, anorexia, bulimia, attention disorders, epilepsy, and related conditions, neurological disorders, neurological disorders, Parkinson's Disease, Huntington's Chorea and Alzheimer's Disease, immune, cardiovascular, reproductive and endocrine disorders, septic shock, diseases related to the respiratory and gastrointestinal system, and extended abuse, addiction and/or relapse indications, comprising administering a pharmacologically effective amount of a compound of claim 1 to a patient in need thereof.
11. (previously presented) A method for the treatment of obesity comprising administering a pharmacologically effective amount of a compound of any one of claims 1-4 or 6 to a patient in need thereof.
12. (previously presented) A composition comprising a compound of claim 1 or 6 in combination with another pharmaceutically active compound.
13. (previously presented) A process for the preparation of a compound of claim 1 comprising:
  - a) reacting a compound of formula III;



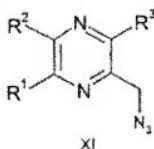
III

with an amine of formula IV:



or a salt thereof, in a solvent, in the presence of a coupling agent and optionally in the presence of a base at a temperature in the range of -25°C to 150°C to provide a compound of claim 1 in which R<sup>3</sup> is COYNR<sup>5</sup>R<sup>6</sup>, or

- b) reacting a compound of formula XI:



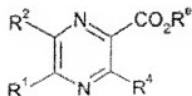
- with a compound of formula XII:



XII

in an inert solvent and optionally in the presence of a catalyst at a temperature in the range of -25°C to 150°C to provide a compound of claim 1 in which R<sup>4</sup> represents a group CH<sub>2</sub>(1H-1,2,3-triazol-1-yl) in which the triazole is optionally substituted on carbon by Z; or

- c) reacting a compound of formula XIV:



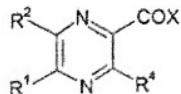
XIV

in which R<sup>6</sup> represents an alkyl group, with an amine of formula IV:



or a salt thereof, in a solvent in the presence of a coupling agent and optionally in an inert atmosphere at a temperature in the range of -25 °C to 150°C to provide a compound of claim 1 in which R<sup>3</sup> is COYNR<sup>5</sup>R<sup>6</sup>; or

- d) reacting a compound of formula XV:



XV

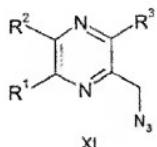
in which X represents a leaving group, with an amine of formula IV:



or a salt thereof, in a solvent optionally in the presence of a base at a temperature in the range of -25°C to 150°C to provide a compound of claim 1 in which R<sup>3</sup> is COYNR<sup>5</sup>R<sup>6</sup>; or

- e) de-protecting a compound of claim 1, in which one or more groups is protected, to provide a compound of claim 1.

14. (previously presented) A compound of formula XI:



in which R<sup>1</sup> and R<sup>2</sup> independently represent phenyl, thiienyl or pyridyl each of which is independently optionally substituted by one or more groups represented by Z;

Z represents a C<sub>1-8</sub> alkyl group optionally substituted by one or more: hydroxy; a C<sub>1-6</sub> alkoxy group optionally substituted by one or more fluoro; a C<sub>3-8</sub> cycloalkyl group; a saturated or partially unsaturated 5- to 8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur; or by a group NR<sup>10</sup>R<sup>11</sup> (in which R<sup>10</sup> and R<sup>11</sup> independently represent hydrogen, a C<sub>1-6</sub> alkyl group, a C<sub>1-6</sub> alkanoyl group or a C<sub>1-6</sub>

alkoxycarbonyl group), or Z represents a C<sub>3-8</sub> cycloalkyl group, a C<sub>1-6</sub> alkoxy group (optionally substituted by one or more fluoro), hydroxy, halo, trifluoromethyl, trifluoromethylthio, trifluoromethylsulphonyl, nitro, a group NR<sup>10</sup>R<sup>11</sup> (in which R<sup>10</sup> and R<sup>11</sup> independently represent hydrogen, a C<sub>1-6</sub> alkyl group, a C<sub>1-6</sub> alkanoyl group or a C<sub>1-6</sub> alkoxy carbonyl group), mono or di C<sub>1-3</sub> alkylamido, C<sub>1-3</sub> alkylthio, C<sub>1-3</sub> alkylsulphonyl, C<sub>1-3</sub> alkylsulphonyloxy, C<sub>1-3</sub> alkoxy carbonyl, carboxy, cyano, carbamoyl, mono or di C<sub>1-3</sub> alkyl carbamoyl, sulphamoyl, acetyl, an aromatic heterocyclic group which is optionally substituted by one or more halo, C<sub>1-4</sub> alkyl, trifluoromethyl or trifluoromethoxy, or Z represents a saturated or partially unsaturated 5-to 8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, benzyl or an amino group -NR<sup>x</sup>R<sup>y</sup> in which R<sup>x</sup> and R<sup>y</sup> independently represent H or C<sub>1-4</sub> alkyl;

R<sup>3</sup> represents a group of formula X-Y-NR<sup>5</sup>R<sup>6</sup> in which X is CO or SO<sub>2</sub> and Y is absent or represents NH optionally substituted by a C<sub>1-3</sub> alkyl group and R<sup>5</sup> and R<sup>6</sup> independently represent: a C<sub>1-6</sub> alkyl group optionally substituted by one or more hydroxy; an (amino) C<sub>1-4</sub> alkyl-group in which the amino is optionally substituted by one or more C<sub>1-3</sub> alkyl groups; a group (C<sub>3-12</sub> cycloalkyl(CH<sub>2</sub>)<sub>g</sub>- wherein g is 0, 1, 2, or 3, and wherein the cycloalkyl is optionally substituted by one or more fluoro, hydroxy, C<sub>1-3</sub> alkyl, C<sub>1-3</sub> alkoxy, trifluoromethyl or trifluoromethoxy; a group -(CH<sub>2</sub>)(phenyl)<sub>s</sub> in which r is 0, 1, 2, 3 or 4, and s is 1 when r is 0, otherwise s is 1 or 2, and the phenyl groups are optionally independently substituted by one or more groups represented by Z; naphthyl; anthracenyl; a saturated or partially unsaturated 5- to 8-membered heterocyclic group containing one or more heteroatoms selected from nitrogen, oxygen or sulphur wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, benzyl or an amino group -NR<sup>x</sup>R<sup>y</sup> in which R<sup>x</sup> and R<sup>y</sup> independently represent H or C<sub>1-4</sub> alkyl; 1-adamantylmethyl; a group -(CH<sub>2</sub>)Het in which t is 0, 1, 2, 3, or 4, and the alkylene chain is optionally substituted by one or more C<sub>1-3</sub> alkyl groups and Het represents an aromatic heterocyclic group optionally substituted by one, two or three groups selected from a C<sub>1-5</sub> alkyl group, a C<sub>1-5</sub> alkoxy group or halo; or R<sup>5</sup> represents H and R<sup>6</sup> is as defined above; or R<sup>5</sup> and R<sup>6</sup> together with the nitrogen atom to which they are attached represent a saturated or partially

unsaturated 5- to 8-membered heterocyclic group containing one nitrogen and optionally one of the following: oxygen, sulphur or an additional nitrogen; wherein the heterocyclic group is optionally substituted by one or more C<sub>1-3</sub> alkyl, hydroxy, fluoro, trifluoromethyl, trifluoromethoxy, benzyl, C<sub>1-6</sub> alkanoyl or an amino group -NR<sup>X</sup>R<sup>Y</sup> in which R<sup>X</sup> and R<sup>Y</sup> independently represent H or C<sub>1-4</sub> alkyl.